DETAILED ACTION

1.   Claims 33, 35-44, 46-55 and 58-62 are pending in this application.

Examiner's Amendment

2.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

        Authorization for this examiner's amendment was given in a telephone interview

with Roland Long (Reg. 41949) on October 20, 2010.

        The claims have been amended as follows:

33. (Currently Amended) A system comprising:

a database system for storing data elements;

a data processing system for processing data elements, the data processing system

being associated to a first subscriber of a telecommunications system;

the data processing system comprising;

a first database configured to store records, a record containing a

name data field including name information given by the first subscriber to an

other subscriber of a telecommunications system, and an address data field

including a subscriber address of the other subscriber in the

telecommunications system; and

interface means containing output means for outputting information to

the first subscriber and input means for receiving as input information from

the first subscriber; and

the database system comprising a server and a second database, wherein

said output means are arranged to output to the first subscriber at least a part of a

content of a first data element in connection with at least one selection option including

one or more name data fields of the first database;

said input means are arranged to receive from the first subscriber a selection of a name

data field of at least one other subscriber;

the data processing system is, in response to the selection of the name data field by the

first subscriber, arranged to fetch from the first database a subscriber address stored in

the address data field in the record of the selected name data field; and to attach the

fetched subscriber address to the first data element as person-based metadata such

that the fetched subscriber address and the first data element form a second data

element that is processed in data transfer as one payload entity that is invisible to the

data transfer protocol;

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the data processing system is arranged to send the second data element to the

database system;

the database system is arranged to receive a fetch request for a first data element from

a second subscriber accessing the database system; and to check the access right of

the second subscriber to the first data element by comparing the subscriber address of

the second subscriber with the subscriber address included as person-based metadata

in the second data element.

34. (Cancelled).

35. (Currently Amended) A The data system as claimed in claim 33, wherein said output

means are also arranged to provide the first subscriber with the option of attaching to

the first data element an additional definition controlling its access right;

said input means are arranged to receive as input from the first subscriber said

additional definition;

said data processing system is arranged to attach said additional definition as further

metadata to the first data element such that the fetched subscriber address, the first

data element and the additional definition form a second data element that **is** processed

in data transfer as one payload entity that is invisible to the data transfer protocol.

36. (Currently Amended) A The data system as claimed in claim 33, wherein said output

means are also arranged to provide the user with the option of attaching to the first data

element an additional definition controlling a function to be implemented during its

storage;

said input means are arranged to receive as input from the user said additional

definition;

said data processing means are arranged to attach said additional definition as further

metadata to the data element such that the fetched subscriber address, the first data

element and the additional definition form a second data element that can be processed

in data transfer as one payload entity that is invisible to the data transfer protocol.

37. (Currently Amended) A The data system as claimed in claim 36, wherein the

database system is arranged to receive said additional definition; and, in response to

the received additional definition, to execute during storage the function defined by the

additional definition.

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38. (Currently Amended) A The data system as claimed in claim 37, wherein said

function includes transmitting the first data element to at least one subscriber identified

by the address in the telecommunications system comprised in the person-based

metadata.

39. (Currently Amended) A The data system as claimed in claim 33, wherein the data

processing system also comprises a clock unit for defining the generation time of the

first data element, the clock unit being also arranged to

attach to the first data element as further metadata a data series identifier;

measure a time interval to the first data element;

compare the measured time interval between a later first data element and the first data element with a predefined reference value;

attach, in response to undershooting the reference value, to the later first data element the same identifier as to the earlier first data element; and

attach, in response to exceeding the reference value, to the later first data element a different identifier than to the earlier first data element.

40. (Currently Amended) A The data system as claimed in claim 33, wherein the data processing system also comprises a calendar unit, the calendar unit being also arranged to:

detect the generation time of the first data element;

fetch a calendar event corresponding to the generation time;

attach said calendar event as metadata to the first data element.

41. (Currently Amended) A The data system as claimed in claim 33, wherein the data processing system also comprises a positioning unit, the positioning unit being also arranged to:

generate location information on a system element containing the positioning unit at the generation time of the data element;

attach said location information as metadata to the data element.

42. (Currently Amended) A The data processing system as claimed in claim 33, wherein said data elements contain image data.

43. (Currently Amended) A mobile station comprising:

a unit for producing data elements;

data processing means for processing data elements;

interface means containing output means for outputting information to a first subscriber using the mobile station and input means for receiving input information from the first subscriber using the mobile station;

a phone list storing records, a record containing a name data field including a name of another subscriber in a form input by the first subscriber, and an address data field including the address of the other subscriber in the mobile communications system;

wherein

said output means are arranged to output to the first subscriber at least part of the content of a first data element in connection with a view to name fields of the phone list;

said input means are arranged to receive as input from the first subscriber a selection of a name data field of at least one other subscriber;

said data processing means are, in response to the selection of the name data field, arranged to fetch from the phone list a subscriber address stored in the address data field in the record of the selected name data field; and to attach the fetched subscriber address to the first data element as person-based metadata such that the fetched

subscriber address and the first data element form a second data element that can be processed in data transfer as one payload entity that is invisible to the data transfer protocol.

said data processing means are arranged send the second data element to another database system accessible via the mobile communications system.

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44. (Currently Amended) A method for processing data in a system comprising a database system for storing data elements and a data processing system for processing data elements, the data processing system being associated to a first subscriber of a telecommunications system, the method comprising:

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maintaining records in a first database of the data processing system, a record containing a name data field including name information given by the first subscriber to a subscriber of a telecommunications system, and an address data field including a subscriber address of the same subscriber in the telecommunications system;

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outputting in the data processing system to the first subscriber at least a part of the content of a first data element in connection with the option including one or more name data fields of the first database;

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receiving in the data processing system from the first subscriber a selection of a name data field of at least one other subscriber;

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fetching in the data processing system from the first database a subscriber address stored in the address data field in the record of the selected name data field;

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attaching in the data processing system the fetched subscriber address to the first data element as person-based metadata such that the fetched subscriber address and the first data element form a second data element that can be processed in data transfer as one payload entity that is invisible to the data transfer protocol;

sending the second data element with the attached person-based metadata from the data processing system to the database system.

receiving in the database system a fetch request for the first data element from second subscriber;

checking in the database system the access right of the second subscriber to the first data element by comparing the subscriber address of the second subscriber with the subscriber address included as person-based metadata in the second data element.

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45. (Cancelled)

46. (Currently Amended) A The method as claimed in claim 45, further comprising providing in the data processing system the first subscriber with the option of attaching to the first data element an additional definition controlling its access right;

receiving as input from the first subscriber said additional definition;

attaching said additional definition as further metadata to the first data element such that the fetched subscriber address, the first data element and the additional definition form a second data element that can be processed in data transfer as one payload entity that is invisible to the data transfer protocol.

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47. (Currently Amended) A The method as claimed in claim 45, further comprising

providing in the data processing system the first subscriber with the option of attaching

to the first data element an additional definition controlling a function executed during

the storage of the data element;

receiving as input from the first subscriber said additional definition;

attaching said additional definition as further metadata to the data element such that the

fetched subscriber address, the first data element and the additional definition form a

second data element that can be processed in data transfer as one payload entity that

is invisible to the data transfer protocol.

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48. (Currently Amended) A The method as claimed in claim 47, further comprising

receiving in the database system said additional definition; and, in response to the

received additional definition, executing said function during storage.

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49. (Currently Amended) A The method as claimed in claim 48, further comprising

executing in the database system said function by transmitting the first data element to

the second subscriber identified by the subscriber address in the telecommunications

system contained in the person-based metadata.

50. (Currently Amended) A The method as claimed in claim 46, further comprising:

defining in the data processing system the generation time of the data element;

attaching in the data processing system to the data element further metadata containing

an identifier that identifies a data series to which the data element belongs;

measuring in the data processing system a time interval between a later first data

element and the first data element;

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comparing in the data processing system the measured time interval with a predefined

reference value;

attaching in the data processing system, in response to undershooting the reference

value, to the later first data element the same identifier as to the earlier first data

element; and

attaching in the data processing system, in response to exceeding the reference value,

to the later first data element a different identifier than to the earlier first data element.

51. (Currently Amended) A The method as claimed in claim 46, further comprising:

detecting in the data processing system the generation time of the first data element;

fetching in the data processing system a calendar event corresponding to the

generation time of the first element;

attaching in the data processing system to the first data element further metadata

containing said calendar event.

52. (Currently Amended) A The A method as claimed claim 46, further comprising:

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generating in the data processing system location information of the system element

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that generated the first data element at the time of generation of the first data element;

attaching to the first data element further metadata containing said location information.

53. (Currently Amended) A computer-readable medium having computer-executable

instructions for performing the method of

operating as a mobile station of a mobile communications system, the mobile station

being configured for producing and processing data elements:

outputting information to a first subscriber and receiving information from the first

subscriber using the mobile station;

storing records in a phone list, a record containing a name data field including a name

of another subscriber in a form input by the first subscriber, and an address data field

including the address of the other subscriber in the mobile communications system;

outputting to the first subscriber at least part of the content of a first data element in

connection with a view to name fields of the phone list;

receiving as input from the first subscriber a selection of a name data field of at least

one other subscriber;

fetching, in response to the selection of the name data field, from the phone list a

subscriber address stored in the address data field in the record of the selected name

data field; and to attach the fetched subscriber address to the first data element as

person-based metadata such that the fetched subscriber address and the first data

element form a second data element that can be processed in data transfer as one

payload entity that is invisible to the data transfer protocol;

sending the second data element to a database system accessible via the mobile
communications system.

54. (Currently Amended) A network element of a telecommunications system, the
network element comprising:

first interface means for receiving data elements;

user interface means for outputting information to the user of the network element and
receiving input information from the user of the network element; wherein

the network element is connected to a first database for access to a phone list of a first
subscriber of a telecommunications system, the phone list storing records, a record
containing a name data field including a name of another subscriber in a form input by
the first subscriber, and an address data field including the address of the other
subscriber in telecommunications system;

said output means are arranged to output to the user of the network element at least a
part of the content of a first data element in connection with a view to name fields of the
phone list of the first subscriber;

said input means are arranged to receive as input from the first subscriber a selection of
a name data field of at least one other subscriber;

said data processing means are, in response to the selection the name data field,
arranged to fetch from the first database fetch from the first database a subscriber
address stored in the address data field in the record of the selected name data field;
and to attach the fetched subscriber address to the first data element as person-based

metadata such that the fetched subscriber address and the first data element form a
second data element that can be processed in data transfer as one payload entity that
is invisible to the data transfer protocol;

said data processing means are arranged send the second data element to another
database system accessible via the telecommunications system.

55. (Currently Amended) A database system of a telecommunications system, the

database system comprising a database and a server, wherein the server comprises

first interface means for receiving from a first subscriber a first payload entity, a second

payload entity, each payload entity comprising a subscriber address in a specific

telecommunications system as person-based metadata; and

data processing means arranged to

check whether received payload entities comprise an additional definition controlling the

access right to information included in the payload entity;

execute said access right control to information included in a payload entity in response

to the an additional definition being comprised in the payload entity;

check whether additional definitions in a first payload entity and a second payload entity

simultaneously meet a specific combination rule;

combine, in response to additional definitions in a first payload entity and a second

payload entity simultaneously meeting the specific combination rule, the first payload

entity and a second payload entity into a data set to be processed as one entity.

56. (Cancel).

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57. (Cancel).

58. (Currently Amended) A The database system as claimed in claim 55, wherein the

combination rule of the data processing means is a functionality stored in the data

processing means, and the data processing means are arranged to check the

combination rule in response to receiving payload entities.

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59. (Currently Amended) A The database system as claimed in claim 57, wherein said

interface means are arranged to receive the combination rule from a user of the

database system.

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60. (Previously presented) A computer program product encoding a computer process

of instructions for executing a computer process for processing data in a system, the

process comprising:

maintaining records in a first database of a data processing system associated to a first

subscriber of a telecommunications system, at least part of the records of the first

database comprising name information given by the first subscriber to the one or more

other subscribers of a telecommunications system and subscriber addresses of the one

or more other subscribers in the telecommunications system:

outputting to the first subscriber at least a part of the content of the data element in

connection with the option of selecting name information of the one or more other

subscribers;

receiving from the first subscriber a selection of name information of at least one other

subscriber;

fetching from the first database, a subscriber address related to the selected name

information;

attaching to the data element person-based metadata that contains the fetched

subscriber address;

sending the data element with the attached person-based metadata to a database

system connected to the system, the database system comprising a server and a

second database; and

receiving a data element fetch request from a computer connected to the server; and

checking the access right to the data element by comparing the subscriber address

attached to the fetch request with the person-based metadata of the data element.

61. (New) A The data system as claimed in claim 35, wherein said output means are

also arranged to provide the user with the option of attaching to the first data element a

further additional definition controlling a function to be implemented during its storage;

said input means are arranged to receive as input from the user said additional

definition;

said data processing means are arranged to attach said additional definition as further

metadata to the data element such that the fetched subscriber address, the first data

element and the additional definitions form a second data element that **is** processed in

data transfer as one payload entity that is invisible to the data transfer protocol.

62. (New) A computer-readable medium having computer-executable instructions for

performing the method of

operating as a network element of a telecommunications system;

receiving data elements;

outputting information to the user of the network element and receiving input information

from the user of the network element;

connecting to a first database for access to a phone list of a first subscriber of a

telecommunications system, the phone list storing records, a record containing a name

data field including a name of another subscriber in a form input by the first subscriber,

and an address data field including the address of the other subscriber in

telecommunications system;

outputting to the user of the network element at least a part of the content of a first data

element in connection with a view to name fields of the phone list of the first subscriber;

receiving as input from the first subscriber a selection of a name data field of at least

one other subscriber;

fetching, in response to the selection the name data field, from the first database a

subscriber address stored in the address data field in the record of the selected name

data field; and attaching the fetched subscriber address to the first data element as
person-based metadata such that the fetched subscriber address and the first data
element form a second data element that **is** processed in data transfer as one payload
entity that is invisible to the data transfer protocol;
sending the second data element to another database system accessible via the
telecommunications system,

Allowable *Subject matter*

3.   Claims 33, 35-44, 46-55 and 58-62 are allowed.

        The examiner deems claims 33, 35-44, 46-55 and 58-62 as novel when viewed
as a whole for the limitations of data processing system.

        The closest prior art of record, Sorvari discloses, a data processing system
comprising: A database system for storing data elements data elements ([0050]); data
processing system for processing data elements , the database processing system
being associated to a first subscriber of a telecommunication system ([0047]); the data
processing system comprising: a first database with at least part of its records
containing the name information of a subscriber of a telecommunications system and
the subscriber's address in the telecommunications system ([0048]);

However, the prior art of record fails to anticipate or render obvious the recited feature of the limitations cited above added with the data processing system is, in response to the selection of the name data field by the first subscriber, arranged to fetch from the first database a subscriber address stored in the address data field in the record of the selected name data field; and to attach the fetched subscriber address to the first data element as person-based metadata such that the fetched subscriber address and the first data element form a second data element that is processed in data transfer as one payload entity that is invisible to the data transfer protocol; the data processing system is arranged to send the second data element to the database system; the database system is arranged to receive a fetch request for a first data element from a second subscriber accessing the database system.

These features, together with the other limitations of the independent claims are novel and non-obvious over the prior art of record. The dependent claims being definite, enabled by the specification, and further limiting to the independent claims, are also allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to FAZLUL QUADER whose telephone number is

(571)270-1905. The examiner can normally be reached on M-F 8-5 Alternate Fridays

off.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Charles Rones can be reached on 571-272-4085. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

        Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

                                                FAZLUL QUADER

Examiner

Art Unit 2164

/FQ/

/Charles Rones/

Supervisory Patent Examiner, Art Unit 2164